

At step 88, a determination is made as to whether the subscriber unit has provided a command to the service provider. If so, the process proceeds to step 90 where the service provider processes subsequent service requests in accordance with the command. The command may indicate deletion parameters that inform the service provider on how to delete the service processing logic. As such, the commands may have the service provider erase the service processing logic from memory after a time out period, when the subscriber leaves the service area of the service provider, and/or when members of the subscriber's group leave the service area. The commands may also have the service delete the lowest priority services when processing and memory availability of the service provider is exceeded. The commands may further indicate that the service provider is to inactivate the service processing logic such that a subsequent command can re-activate the service processing logic. The commands may further indicate that the service processor is to process the service processing logic only for the subscriber unit that provided it.

As an alternate command, the subscriber unit may indicate that the service processing logic may be processed for a group of subscribers that are associated with the providing subscriber unit. As yet another command, the subscriber unit may indicate that there are no restrictions on processing the service processing logic such that the service provider may provide the service to any subscriber. As yet a still further command, the subscriber unit may identify particular other subscriber units for whom the service provider may provide the service. By allowing the subscriber units to include these commands, subscribers have greater flexibility as to how their services are to be performed and what other subscriber units may access these services.

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IN THE CLAIMS:

Cancel claims 24-31, without prejudice or disclaimer.

Amend the claims as follows:

1. (Amended) In a communication system that comprises a service provider and a subscriber, a method for processing services comprises the steps of:  
indicating to the subscriber that the service provider is capable of supporting a service;  
receiving service processing logic from the subscriber to allow the service provider to provide the service; and  
executing the service processing logic received from the subscriber to provide the service to the subscriber based on the service processing logic when the service has been requested.
2. (Amended) The method of claim 1 wherein the step of indicating is performed upon receipt of at least one of: a service registration from the subscriber and a service invocation from the subscriber.

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3. (Amended) The method of claim 49 further comprising the steps of:  
receiving an indication of capabilities of the service provider; and  
determining whether the service provider is capable of supporting the service based on  
the indication of capabilities.
4. (Amended) The method of claim 1 further comprising the steps of:  
receiving an indication of service requirements for the subscriber; and  
determining whether the service provider is capable of supporting the service based on  
the indication of service requirements.
5. (Amended) The method of claim 1 further comprising the step of storing a service  
application, and wherein the service processing logic comprises custom user parameters, wherein  
the custom user parameters modify the service application to meet customization requirements of  
the subscriber.
6. (Amended) The method of claim 1 wherein the service processing logic comprises a  
service application and custom user parameters that relate to the service.
7. (Amended) The method of claim 6 further comprising the step of queuing the service  
when at least one of: the service provider has insufficient processing and memory, and the  
communication system has insufficient communication resources.
8. (Amended) The method of claim 1 further comprising the step of deleting the service  
processing logic based on deletion parameters, wherein the deletion parameters comprise at least  
one of: a time out period, service priority, processing and memory availability, number of times  
the at least one service has been executed exceeds a threshold, and lack of activity.
9. (Amended) The method of claim 1 further comprising the steps of:  
receiving a command from the subscriber; and  
disabling the service processing logic in response to the command when the subscriber is  
authorized to command disablement of the service processing logic.

10. (Amended) The method of claim 9 further comprising the step of disabling the service processing logic by at least one of: erasure and inactivation.

11. (Amended) The method of claim 10 further comprising the step of, when the service processing logic was disabled by inactivation, subsequently receiving a second command from the subscriber to reactivate the service processing logic.

12. (Amended) The method of claim 1 further comprising the step of receiving authentication from the subscriber to allow the service provider to support the service.

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Add the following new claim(s):

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49. (New) In a communication system that comprises a service provider and a subscriber, a method comprising the steps of:

determining that the service provider is capable of supporting a service;

sending service processing logic to the service provider to allow the service provider to provide the service; and

receiving the service based on the service processing logic from the service provider when the service is requested.

50. (New) The method of claim 49 wherein the service processing logic comprises custom user parameters, wherein the custom user parameters modify a service application stored at the service provider to meet customization requirements of the subscriber.

51. (New) The method of claim 49 wherein the service processing logic comprises at least one of a service application and custom user parameters that relate to the service.

52. (New) The method of claim 49 further comprising the step of sending an indication of service requirements to the service provider.

53. (New) The method of claim 49 further comprising the step of sending a disable command to the service provider to disable the service provider from providing the service based on the service processing logic.

54. (New) The method of claim 49 further comprising the step of authenticating the service provider to allow the service provider to support the service with the service processing logic.

55. (New) The method of claim 1 further comprising the steps of:  
receiving a request for the service from a second subscriber; and  
executing the service processing logic received from the subscriber to provide the service to the second subscriber.